

## **IN THE CLAIMS**

For the convenience of the Examiner, all pending claims of the present Application are shown below whether or not an amendment has been made.

1. **(Currently Amended)** A method for providing integrated voice, video, and data content in an integrated service offering to one or more customer premises, comprising:
  - receiving television programming from a programming source;
  - converting the television programming to a common format for communication over a single network infrastructure using a common communication protocol;
  - receiving data from a data network in the common format of the common communication protocol for communication over the single network infrastructure;
  - receiving telephone communications from a telephone network;
  - converting the telephone communications to ~~a common~~ **the common** format for communication over the single network infrastructure using the common communication protocol;
  - communicating the converted television programming, data, and converted telephone communications in the common format over the single network infrastructure using the common communication protocol to one or more customer premises to provide the integrated service offering; and
  - assigning customer premises to multicast domains to support conditional access of the customer premises to content that is selected from the group consisting of selected television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming, **wherein the conditional access is implemented using interdiction.**

2. **(Original)** The method of Claim 1, further comprising communicating data from a customer premises to the data network in the common format over the single network infrastructure using the common communication protocol.

3. **(Currently Amended)** The method of Claim 1, further comprising communicating telephone communications from a customer premises to the telephone network in the common format over the ~~common~~ single network infrastructure using the common communication protocol.

4. **(Original)** The method of Claim 1, wherein the programming source comprises one or more satellite or terrestrial antennas transmitting the content of one or more television channels.

5. **(Original)** The method of Claim 1, wherein the programming source comprises one or more digital or tape storage systems transmitting audio or video content.

6. **(Original)** The method of Claim 1, where the programming source comprises one or more non-broadcast, switched linear video or audio sources.

7. **(Original)** The method of Claim 1, wherein the data network comprises the Internet.

8. **(Original)** The method of Claim 1, wherein the data network comprises an intranet or an extranet.

9. **(Original)** The method of Claim 1, wherein the telephone network comprises the Public Switched Telephone Network.

10. **(Original)** The method of Claim 1, wherein the communications protocol comprises a packet-based communications protocol.

11. **(Original)** The method of Claim 1, wherein the communications protocol comprises Internet Protocol (IP).

12. **(Original)** The method of Claim 11, wherein communicating the television programming to the customer premises comprises IP multicasting the television programming to multiple customer premises.

13. **(Original)** The method of Claim 1, wherein the single network infrastructure comprises an Ethernet network.

14. **(Original)** The method of Claim 1, further comprising:  
providing additional content selected from the group consisting of video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, interactive games, video including media markup and linking, and audio including media markup and linking; and

communicating the selected content in the common format over the single network infrastructure to one or more customer premises using the common communications protocol.

15. **(Original)** The method of Claim 1, further comprising displaying a web page at the customer premises that includes content selected from the group consisting of television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and telephone messaging and configuration information.

16. **(Original)** The method of Claim 1, wherein:  
the data comprises media markup and linking information; and  
the method further comprises displaying the media markup and linking information in combination with the television programming at the customer premises.

17. **(Previously Presented)** The method of Claim 1, wherein:  
the data comprises media markup and linking information; and  
the method further comprises displaying the media markup and linking information in combination with radio programming at the customer premises.

18. **(Original)** The method of Claim 16, wherein the media markup and linking information comprises a link to content selected from the group consisting of television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming.

19. **(Original)** The method of Claim 1, wherein:  
the data comprises media markup and linking information; and  
the method further comprises displaying the media markup and linking information at the customer premises in combination with content selected from the group consisting of video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming.

20. **(Original)** The method of Claim 19, wherein the media markup and linking information comprises a link to content selected from the group consisting of television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming.

21. **(Currently Amended)** A method for providing integrated voice, video, and data content in an integrated service offering to one or more customer premises, comprising:

- receiving television programming from a programming source;
- converting the television programming to a common format for communication over a single network infrastructure using a common communication protocol;
- receiving data from a data network in the common format of the common communication protocol for communication over the single network infrastructure;
- receiving telephone communications from a telephone network, the telephone communications comprising caller identification information;
- converting the telephone communications to ~~a common~~ the common format for communication over the single network infrastructure using the common communication protocol;
- communicating the converted television programming, data, and converted telephone communications in the common format over the single network infrastructure using the common communication protocol to one or more customer premises to provide the integrated service offering;
- assigning customer premises to multicast domains to support conditional access of the customer premises to content that is selected from the group consisting of selected television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming, wherein the conditional access is implemented using interdiction; and
- displaying the caller identification and caller labeling information in combination with the content at the customer premises.

22. **(Original)** The method of Claim 1, wherein:

- the telephone communications comprise caller identification information; and
- the method further comprises displaying the caller identification and caller labeling information in combination with radio programming at the customer premises.

23. **(Canceled)**

24. **(Original)** The method of Claim 1, further comprising encrypting the integrated television programming, data, and telephone communications for decryption by selected customer premises.

25. **(Original)** The method of Claim 1, further comprising conditioning access to the integrated television programming, data, and telephone communications based on a list of approved customer premises devices.

26. **(Original)** The method of Claim 1, further comprising conditioning access to the integrated television programming, data, and telephone communications based on the geographic location of a customer premises device.

27. **(Currently Amended)** A system for providing integrated voice, video, and data content in an integrated service offering to one or more customer premises, comprising:

a receiver operable to receive television programming;

a video encoder operable to convert the television programming into a common format for communication over a single network infrastructure using a common communication protocol;

a telecommunication switch coupled to a telephone network and operable to receive telephone communications from the telephone network;

a gateway operable to convert the telephone communications into the common format for communication over the single network infrastructure using the common communication protocol; and

a router coupled to the video encoder, to the gateway, and to a data network that communicates data in the common format using the common communication protocol, the router operable to:

receive the converted television programming, the converted telephone communications, and the data from the data network, all in the common format;

communicate the converted television programming, the converted telephone communications, and the data in the common format over the single network infrastructure using the common communication protocol to one or more customer premises to provide the integrated service offering; and

assign customer premises to multicast domains to support conditional access of the customer premises to content that is selected from the group consisting of selected television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming, **wherein the conditional access is implemented using interdiction.**

28. **(Original)** The system of Claim 27, further comprising a customer premises operable to receive and communicate data over the single network infrastructure using the common communication protocol.

29. **(Original)** The system of Claim 27, wherein the receiver is operable to receive television programming from a satellite dish.

30. **(Original)** The system of Claim 27, wherein the receiver is operable to receive television programming from an antenna.

31. **(Original)** The system of Claim 27, wherein the receiver is operable to receive television programming from one or more non-broadcast, switched linear video or audio sources.

32. **(Original)** The system of Claim 27, wherein the receiver is operable to receive television programming from one or more digital or tape storage systems transmitting audio or video content.

33. **(Original)** The system of Claim 27, wherein the data network comprises the Internet.

34. **(Original)** The system of Claim 27, wherein the data network comprises an intranet or an extranet.

35. **(Original)** The system of Claim 27, wherein the telephone network comprises the Public Switched Telephone Network.

36. **(Original)** The system of Claim 27, wherein the communications protocol comprises a packet-based communications protocol.

37. **(Original)** The system of Claim 27, wherein the communications protocol comprises Internet Protocol (IP).

38. **(Original)** The system of Claim 37, wherein communicating the television programming to the customer premises comprises multicasting the television programming to multiple customer premises.



39. **(Original)** The system of Claim 27, wherein the single network infrastructure comprises an Ethernet network.

40. **(Original)** The system of Claim 27, further comprising one or more servers operable to communicate additional content in the common format over the single network infrastructure to one or more customer premises using the common communications protocol, the additional content selected from the group consisting of video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, interactive games, video including media markup and linking, and audio including media markup and linking.

41. **(Original)** The system of Claim 27, further comprising one or more servers operable to communicate a web page to the customer premises that includes content selected from the group consisting of television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and telephone configuration information.

42. **(Original)** The system of Claim 27, further comprising one or more servers operable to communicate media markup and linking information in combination with the television programming to the customer premises.

43. **(Original)** The system of Claim 42, wherein the media markup and linking information comprises a link to content selected from the group consisting of television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming.

44. **(Original)** The system of Claim 27, further comprising one or more servers operable to communicate media markup and linking information to the customer premises in combination with content selected from the group consisting of video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming.

45. **(Original)** The system of Claim 44, wherein the media markup and linking information comprises a link to content selected from the group consisting of television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming.

46. **(Currently Amended)** A system for providing integrated voice, video, and data content in an integrated service offering to one or more customer premises, comprising:

a receiver operable to receive television programming;

a video encoder operable to convert the television programming into a common format for communication over a single network infrastructure using a common communication protocol;

a telecommunication switch coupled to a telephone network and operable to receive telephone communications from the telephone network, the telephone communications comprising caller identification information;

a gateway operable to convert the telephone communications into the common format for communication over the single network infrastructure using the common communication protocol; and

a router coupled to the video encoder, to the gateway, and to a data network that communicates data in the common format using the common communication protocol, the router operable to:

receive the converted television programming, the converted telephone communications, and the data from the data network, all in the common format; and

communicate the converted television programming, the converted telephone communications, and the data in the common format over the single network infrastructure using the common communication protocol to one or more customer premises to provide the integrated service offering;

assign customer premises to multicast domains to support conditional access of the customer premises to content that is selected from the group consisting of selected television programming, video-on-demand, pay-per-view video, near-video-on-demand, audio channels, audio-on-demand, and interactive gaming, **wherein the conditional access is implemented using interdiction**; and

a network appliance operable to display the caller identification information in combination with the content at the customer premises.

47. **(Canceled)**

48. **(Original)** The system of Claim 27, further comprising encryption software operable to encrypt the integrated television programming, data, and telephone communications for decryption by selected customer premises.

49. **(Original)** The system of Claim 27, wherein the router is further operable to condition access to the integrated television programming, data, and telephone communications based on a list of approved customer premises devices.

50. **(Original)** The system of Claim 27, wherein the router is further operable to condition access to the integrated television programming, data, and telephone communications based on the geographic location of a customer premises device.